Amygdalodon

Amygdalodon (/əmɪɡˈdæləd ɒn/; "almond tooth" for its almond shaped teeth) was a genus of basal sauropod from the Middle Jurassic of Argentina. The type species is ***Amygdalodon patagonicus***.[1] Fossils of *Amygdalodon* have been found in the Toarcian Cerro Carnerero Formation of the Jurassic (about 180-172 million years ago). Very little is known about it, but it is one of the few Jurassic dinosaurs from South America found thus far.

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Amygdalodon
Temporal range: Toarcian
~180–172 Ma

Pre€ € O S D C P T J K PgN

Restoration

Scientific classification	
Kingdom:	Animalia
Phylum:	Chordata
Clade:	Dinosauria
Clade:	Saurischia
Suborder:	†Sauropodomorpha
Clade:	†Sauropoda
Genus:	†*Amygdalodon*
Species:	†***A. patagonicus***

Binomial name

†***Amygdalodon patagonicus***
Cabrera, 1947

Discovery

The holotype (MLP 46-VIII-21-1) consists of some vertebrae, ribs, four complete and three partial teeth, and a partial pelvis and shoulder-blade, of which was discovered in 1936. The type species, *Amygdalodon patagonicus*, was described by Cabrera in Argentina in 1947.[1] Until 1936 sauropod fossils from Argentina were completely unknown then, prompted by Piatnitzky's brief mention of "bones of a saurian of no less than 5-7m long", Dr. Tomás Suero took a trip to Chubut to check out deposits overlying the Liassic of the Pampa de Agnia and discovered the remains of a Jurassic sauropod dinosaur around twice the size of Piatnitzky's estimation (in 1936).[2]

Size

Amygdalodon is estimated to have been 12 metres (39 ft) long and 4 metres (13 ft) tall. This quadrupedal dinosaur had an estimated weight of over 5 tonnes (4.9 long tons; 5.5 short tons).[3]

Classification

Rauhut (2003) placed *Amygdalodon* as Eusauropoda *incertae sedis* based on examination of the type material.[4] Later, a cladistic analysis conducted by Carballido et al. (2010) recovered the genus as a non-eusauropod sauropod.[5] Holwerda and Pol (2018) concurred, recovering *Amygdalodon* as sister to *Isanosaurus*.[6]

References

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5. José Luis Carballido and Diego Pol (2010) "The dentition of Amygdalodon patagonicus (Dinosauria: Sauropoda) and the dental evolution in basal sauropods." Comptes Rendus Palevol 9: 83–93.
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External links

- DinoDictionary (http://www.dinodictionary.com/dinos_apg2.asp)

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